NAME

timelapse — Create a video from still images.

SYNOPSIS

timelapse -h
timelapse [**-vn**] **-o** *output* [**-c** *h264*] [**-p** *h.264-profile*] [**-l** *h.264-level*]
[**-b** *bitrate*] path ...
timelapse [**-vn**] **-o** *output* **-c** *hevc* [**-b** *bitrate*] path ...
timelapse [**-vn**] **-o** *output* **-c** *jpeg* [**-q** *jpeg-quality*] [**-b** *bitrate*] path ...
timelapse [**-vn**] **-o** *output* **-c** *prores442* path ...
timelapse [**-vn**] **-o** *output* **-c** *prores4444* path ...

DESCRIPTION

timelapse creates a video from a sequence of images using AV Foundation. The path arguments may be files or directories. Directories will be recursively traversed. All resulting images are sorted by full path into alphabetical order and then assembled into the video.

Note: Not all codecs are compatible with all file types, e.g. some require a .mov file.

-b *bitrate*, **--bitrate**=*bitrate*
Set the target bitrate, expressed in megabits per second.

-c *name*, **--codec**=*name*
Select the codec for the video file. Supported codecs are h264, hevc, jpeg, prores4444, and prores422.

-f *fps*, **--framesPerSeconds**=*fps*
Set the frames per second. Must be an integer. 30 is the default.

-h, **--help**
Display help and version number then exit.

-H *hgt*, **--height**=*hgt*
Set the output height. Width will be calculated to preserve aspect ratio if omitted.

-l *num*, **--level**=*num*
Set the h.264 level. Valid choices are 3.0, 3.1, 3.2, 4.0, 4.1 and auto. The default is auto.

-n, **--nodup**
Ignore images which are identical to their predecessor.

-o *filename*, **--output**=*filename*
The output filename. This is required. The filename suffix determines the format. Valid extensions are mp4, m4v, and mov. Unrecognized extensions use the MPEG4 filetype.

-p *name*, **--profile**=*name*
Set the h.264 profile. Valid choices are baseline, main, and high. The default is main.

-P *filename*, **--poster**=*filename*
The poster filename. The poster image is a JPEG taken from around the middle of the sequence. It will be resized to the same dimensions as the movie. It will not be written if there are no valid images after the midpoint.

-q *num*, **--quality**=*num*
Set the JPEG quality. e.g. --quality=0.8

-v, **--verbose**
Print verbose messages while operating.

-W *wid*, **--width**=*wid*
Set the output width. Height will be calculated to preserve aspect ratio if omitted.

If there is a fatal error, a partially written file may be produced.

WWW

The timelapse sources are managed at https://github.com/jimstudt/timelapse